

Comparisons of Job Characteristics

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation: Forest and Conservation Workers (45-4011)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 45

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation: Forest and Conservation Workers (45-4011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mathematics	9.2	14.0	5.8	<<	Extensive education and/or training may be required
Geography	3.9	13.8	3.0	<<	Extensive education and/or training may be required
Biology	3.7	12.8	4.6	<<	Extensive education and/or training may be required
Administration and Management	8.4	11.7	4.4	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	9.3	4.2	<<	Extensive education and/or training may be required
Law and Government	5.9	9.0	2.4	<<	Extensive education and/or training may be required
Transportation	4.6	8.1	5.8	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation: Forest and Conservation Workers (45-4011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Management of Material Resources	3.7	5.5	3.0	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 84			
Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092) Associated Occupation: Forest and Conservation Workers (45-4011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Static Strength	5.0	10.5	10.0	0	Current ability level may be sufficient
Multilimb Coordination	6.0	9.8	10.3	0	Current ability level may be sufficient
Dynamic Strength	3.5	7.3	7.4	0	Current ability level may be sufficient
Stamina	4.0	7.3	7.8	0	Current ability level may be sufficient
Spatial Orientation	2.7	6.5	5.1	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 86
Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092) Associated Occupation: Forest and Conservation Workers (45-4011)		
Work Activities	Exclusivity of Activity	
Clean rooms or work areas	30	
Identify crop characteristics	75	
Load, unload, or stack containers, materials, or products	37	
Move or fit heavy objects	8	
Package goods for shipment or storage	62	
Plant, cultivate, or harvest crops, including aquaculture	80	
Recognize plant diseases	72	
Use chain saws	78	
Use hand or power tools	2	
Use herbicides, fertilizers, pesticides or related products	71	
Use plant disease control techniques	75	
Use portable hand spray equipment	82	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 85

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)
Associated Occupation: Forest and Conservation Workers (45-4011)

Tools and Technologies	Exclusivity
Agricultural machinery for harvesting	35
Agricultural machinery for planting and seeding	33
Agricultural machinery for soil preparation	35
Audio and visual equipment	4
Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Dispensing tools	6
Dispersing and spraying appliances for agriculture	26
Earth moving machinery	11
Forestry machinery and equipment	31
Forming tools	2
Garden tools	12
Information exchange software	1
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Measuring and layout tools	3
Paint applicators and painting accessories	15
Power tools	2
Product and material transport vehicles	13
Specialized and recreational vehicles	17
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.